

Position Evaluation

Classification:

* Interdisciplinary
GS-xxx-14

PD#

Organization:

Division
Military and Technical Directorate
Technical Engineering and Construction Division

1. References:

- a. OPM PCS Mechanical Engineering Series, GS-0830, Jun 77
- b. OPM PCS Environmental Engineering Series, GS-0819, Apr 78
- c. OPM PCS Civil Engineering Series, GS-0810, Jun 66
- d. OPM PCS Electrical Engineering Series, GS-0850, Feb 71
- e. OPM GGEG for Nonsupv. Prof. Engr. Pos., GS-0800, Jun 72

2. Series and Title Determination:

Position serves as Division Engineering and Construction Quality Assurance Coordinator for all Civil Works, Military, and HTRW projects designed and constructed throughout the Division and as senior technical specialist on Engineering matters within incumbents primary area of expertise. Performance of duties requires knowledge and application of the physical sciences and mathematics as associated with the phenomena, principles, techniques and practices of a number of engineering disciplines of which no one is dominant, including Civil, Mechanical, Electrical, and Environmental engineering. Position is determined to meet the criteria as "Interdisciplinary", classifiable to any of the following titles and series: Civil Engineer, GS-0810; Environmental Engineer, GS-0819; Mechanical Engineer, GS-0830; Electrical Engineer, GS-0850.

3. Grade Determination:

Grade of the position is determined by comparison of duties and responsibilities with criteria as presented in 9 factor (FES) format for Mechanical Engineering, included as a part of the position description, and overall comparison with the GGEG for nonsupervisory professional engineering positions.

FES Evaluation:

Factor 1 – Knowledge Required by the Position Level 1-8 1550 pts
Mastery in a specialty field of engineering capable of applying new developments and experienced knowledge and judgment in solving novel and obscure problems, develop new approaches for use by other engineers, etc. Exceeds Level 7 of this factor in the ability to apply or develop practices and concepts beyond standard practices to new and emerging work requirements.

Factor 2 – Supervisory Controls Level 2-5 650 pts
As a recognized authority in a specialty field, working under only administrative supervision in resolving problems or providing advice and direction to field organizations

in the resolution of obscure problems for which technical guidance is not be accessible or available.

Factor 3 – Guidelines	Level 3-5	650 pts
Broad and general guidance requiring development of new and or improved methods or guidance for use by other engineers in the field.		

Factor 4 – Complexity	Level 4-5	325 pts
Geographical area of Districts within states including a wide range of facilities of varied and complex features, requiring ability to modify standard guides or develop new techniques for resolving issues or for application by others.		

Factor 5 – Scope and Effect	Level 5-5	325 pts
Broad range of engineering activities in a large geographical area as described in above factor affecting work both within and outside the MSC.		

Factor 6 – Personal Contacts	Level 6-3	60 pts
As described, including high level professionals or executives of other agencies and outside organizations.		

Factor 7 – Purpose of Contacts	Level 7-3	120 pts
To influence, persuade, or negotiate agreements in addition to planning and coordinating work as included at lower level of this factor.		

Factor 8 – Physical Demands	Level 8-1	5 pts
Primarily sedentary		

Factor 9 – Work Environment	Level 9-1	5 pts
Primarily typical office environment		

Summary: FES evaluation provides a total value of 3690 points, within the range of 3606-4050 points, which converts to GS-14 by application of grade conversion table.

GGEG for Nonsupervisory Professional Engineers: Under administrative supervision, involving coordination and review of broad programs containing a large amount of TYPE 1 (predominantly conventional) GS-11 and GS-12 work being undertaken at numerous locations under various and diverse conditions; requiring modification or development of standard guidance for district application as provided for TYPE III assignments and responsibility pgs 18-20 of the standard, para 1.e.above. Substantially exceeds TYPE III assignments and responsibilities as described at GS-13 level involving staff responsibility for reviewing and coordinating work in a narrow program area.

Conclusion:

Series and title of the position is determined as “Interdisciplinary” for assignment as provided in paragraph 2 of this evaluation. Overall grade of the position is considered justified at GS-14.